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May 14, 2010

Mr. Jeffrey Kimble, On-Scene Coordinator Emergency Response Branch U.S. Environmental Protection Agency Region V 9311 Groh Road Grosse Ile, MI 48138

Re: Detroit Windshield Surveys

Eastern Market-South Phase of Parcel 4

On May 13, 2010, U.S. EPA, START, and the City of Detroit conducted a windshield survey of the Eastern Market-South Phase of Parcel 4 property, located between Rivard Street and Chrysler Drive (42° 20' 58.29"N and 83° 02' 42.95" W). This memo summarizes the observations made during the windshield survey and potential sampling locations, parameters, and methods.

OBSERVATIONS

The Eastern Market-South Phase of Parcel 4 property is a vacant, open lot with overgrown vegetation (grass, weeds, and some trees). The property contains no buildings or other structures. The property is bordered to the North by commercial properties, to the South by Wilkins Street and commercial properties, to the East by Rivard Street and commercial properties, and to the West by Chrysler Drive and I-75.

SAMPLING LOCATIONS, PARAMETERS, AND METHODS

The primary chemicals of concern associated with the property are heavy metals and asbestos in the soil. Planned sampling/monitoring activities will include the following: using an X-ray Fluorescence (XRF) analyzer in combination with the U.S. EPA's Rapid Assessment Tools (RAT) data management and mapping software to determine the presence and extent of heavy metals contamination in the soil, using U.S. EPA's Visual Sampling Plan (VSP) software to establish the number and locations of soil samples necessary to identify heavy metals contaminants with a specified level of confidence, and soil sampling for asbestos (TEM/CARB 435 Method).



DETROIT WINDSHIELD SURVEY CHECKLIST

Site Name:	Detroit Windshield Survey						
Address: Eastern Market-South Phase of Parcel 4							
City/Town:	Detroit	County:	Wayne	,	State:	MI	
TDD No.:							
Date of Inspec	etion: 5/13/2010	Time of Inspec	tion:	1240			

GENERAL SITE OBSERVATIONS

	Observations/Notes		
Physical Characteristics/ Conditions (as known)			
Topography:	Fl. t		
Geology (general surface soil types, fracturing, or subsurface conduits):	open Field		
Elevation (asl):			
Location (lat/long):	M 42°20'58.21" N / 83°02' 42,15"4		
Current weather conditions:	rain/elads NSS-F		
Vegetation:	gress & overgrown regetation		
Prevailing wind:	-		
Surface water bodies:	bushi		
Storm drains:	ho		
Drainage ditches:	wore busine		
Structural Characteristics			
Buildings (location, size, function, condition, age):	N		
Perimeter fence:	\sim		
Security:	Ν ,		
Roads:	Riverd / Ersking / Urtsin		
Railroad lines:	\mathcal{M}		



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ASTs:	N	
Remnants of former industrial processes:	N	
Unauthorized Access		
Vandalism:	Open field	
Evidence of trespassing:		
Surrounding Area	,	
Demographics of area:	Commercial)	
Neighborhood characteristics/ elements:		
Proximity/ type of neighbors:	Exetern Market 11-1-15/N-2-5- comments	7/
Proximity to playgrounds/schools:] / ^**)
Natural Resources		
Wildlife:	?	
Sensitive Ecosystems:	granu haranta	
Wetlands:	just lemanus	
Others (Specify)		
Other Notes:		
·	XRF/PAT	
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POTENTIAL THREATS

	Observations/Notes
Drums with unknown	Ν
contents:	
Totes with unknown contents:	$\mathcal N$
Tanks, vats, pits,	
manholes with unknown	M
contents:	'
Cylinders with	N
unknown contents:	, ,
Oil or oil-contaminated	<i>N</i> .
substances/materials:	
Waste lagoons:	N
Settling ponds:	Ν
ASTs with unknown	N
contents:	/*
USTs with unknown	· N
contents:	
Potential ACM:	? - soil under vagatation
Piles of unknown	N
material:	
Stained soil:	N
Sheen/slick:	. N
Stressed vegetation:	Ν
Transformers, capacitors	Ν .
Abandoned equipment:	Ν
Radiation hazards:	N
Biological hazards:	insects.
Fire remnants:	N

Other Notes:		
	XRF/RAT	



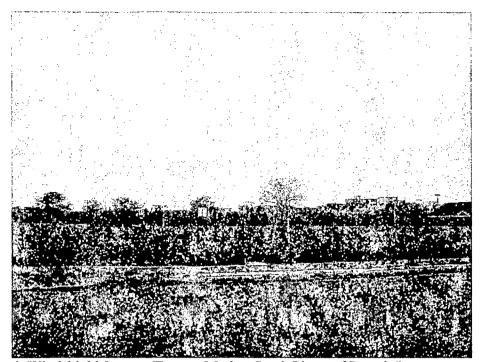
POTENTIAL MIGRATION PATHWAYS

	Observations/Notes
Drinking Water/ Private Well:	Ν
Drinking Water/ Municipal Water Supply:	Ν
Groundwater:	?
Nearby Surface Water:	N
Unrestricted Access:	Y
Storm Sewer:	in street
Outfall(s):	N
Air:	N
Soil:	? - mitols / ASB
Sediment:	N
Lack of secondary containment:	N
Evidence of overland flow:	Ν
Vapor intrusion:	N
Other:	

Other Notes:	 			
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Site: Detroit Windshield Survey (Eastern Market-South Phase of Parcel 4)

Photograph No.: 1

Date: 5/13/2010

Direction: Southeast Photographer: TJ McFarland

Subject: View of vacant lot with overgrown vegetation from Rivard Street.